INTERNATIONALSEARCHREPORT

International application No. PCT/JP 2004/009694

A. CLASSIFICATIONOF SUBJECT MATTER				
Int.Cl ⁷ G05F 1/56				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
	cumentation searched (classification system followed by	classification symbols)		
	05F 1/00-1/70, H01L 27/04			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1995, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette				
	d cue octifch wodet 1336-5004		apanese Gazette	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.	
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x	US 5861771 A(FUJITSU LTD.)		1 2	
Y '	19.01.1999, line 65, column 4 to line 16,		1-3 4-7	
	Column 8, Fig 3-6			
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	& KR 264718 B			
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_	20.09.2002, [0015] - [0051],	FANI, LTD.) Fig 1 9	4-7	
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Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"E" earlier annication or notice has a select that a				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other				
"O" document referring to an oral disclosure, use, exhibition or other means the considered to involve an inventive step when the document is combined with one or more other such documents such				
"P" document published prior to the international filing date but later than the priority date claimed "Combination being obvious to a person skilled in the art document member of the same patent family				
Date of the actual completion of the international search Date of mailing of the international search report				
01.10.2004		19.10.2004		
Name and m	ailing address of the ISA/JP	Authorized officer		
Japan Patent Office		SAKURADA Masaki	3V 2917	
3-4-3 Kanumiaaaaki Chinada ba maa aaa aa a		Telephone No. +81-3-3581-1101 F	w. 225 <i>6</i>	

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tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
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